Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work:Improvements of CC Roads & drains 11th Near Govt.Higher Primary School Bhuvaneshwari Nagara Bagalagunte in Ward No.14, T.Dasarahalli Sub Division.

Est .Cost Rs.50.00 Lakhs

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil invoiving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 141/ Item No. 19.1/ PWD SR 2015-16.								
	EW for RCC Drain & CC road								
	11th Cross (From KEB Office Opp to Govt School)	Cum	2	140.00	0.90	0.80	201.60		
	2nd Main (Near Govt Scholl)		1	25.00	0.90	0.80	18.00		
	3rd Main (11th Cross to SWD)		2	35.00	0.90	0.80	50.40		
	12th Cross (11th Cross to SWD)		2	75.00	0.90	0.80	108.00		
	Road Cut Portion - 11th Cross		1	140.00	0.90	0.30	37.80		
							415.80	83.16	**34578.00**
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
		83.16							
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of nominal mix M 10 with OPC cement @ 220kgs, with 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15cms thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS : 4.1, 4.2 Page No. 12/ Item No. 4.2/ PWD SR 2015-16								
		Cum	2	140.00	0.90	0.15	37.80		
			1	25.00	0.90	0.15	3.38		
			2	35.00	0.90	0.15	9.45		
			2	75.00	0.90	0.15	20.25		
			1	140.00	0.90	0.15	18.90		
							89.78	5236.92	**470144.00**
	Basic Rate	4849.00							
	Area Weightage @ 8%	387.92							
	Total	**5236.92**							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings,pedastals,retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2015-16								
	11th Cross (From KEB Office Opp to Govt School)	Cum	2x2	140.00	0.15	0.80	67.20		
			2	140.00	0.90	0.15	37.80		
	2nd Main		1x2	25.00	0.15	0.80	6.00		
			1	25.00	0.90	0.15	3.38		
	3rd Main (11th Cross to SWD)		2x2	35.00	0.15	0.80	16.80		

			2	35.00	0.90	0.15	9.45		
	12th Cross (11th Cross to SWD)		2x2	75.00	0.15	0.80	36.00		
			2	75.00	0.90	0.15	20.25		
	For Covering		2	140.00	0.90	0.15	37.80		
			1	25.00	0.90	0.15	3.38		
			2	35.00	0.90	0.15	9.45		
			2	75.00	0.90	0.15	20.25		
							267.75		
	Ded for Openings	4.00	20	1.00	0.90	0.15	**10.80**		
					Net Qty		**256.95**	6198.12	**1592607.00**
	Basic Rate	5739.00							
	Area Weightage @ 8%	459.12							
	Total	**6198.12**							
4	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2015-16								
		Qtls		256.95	x	60kgs	15417.00		
							say		
							154.17	6851.31	**1056266.00**
	Basic Rate	6463.50							
	Area Weightage @ 6%	387.81							
	Total	**6851.31**							
5	Providing & laying cement concrete using 20mm and down size granite coarse aggregate and fine aggregate of ready mixed concrete RMC M20 for RCC works laid in 15cm thick layers and well compacted vibrating,curing,for raft foundation column footing,main and secondary beams with all lead and lift etc,complete (exclusive of cost of steel and fabrication charges Page No.18/ Item No. 4.48/ PWD SR 2015-16								
	Road Cut Portion - 11th Cross		1	140.00	5.00	0.13	91.00		
							91.00	6332.04	**576216.00**
	Basic Rate	5863.00							
	Area Weightage @ 8%	469.04							
	Total	**6332.04**							
6	KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness,including attached pilasters,buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9. exceeding 1m in depth. Page No. 15/ Item No. 4.31/ PWD SR 2015-16						Sqm		
		Sqm	2x4	140.00		0.90	1008.00		
			1x4	25.00		0.90	90.00		
			2x4	35.00		0.80	252.00		
			2x4	75.00		0.90	540.00		
			2	140.00		0.60	168.00		
			1	25.00		0.60	15.00		
			2	35.00		0.60	42.00		
			2	75.00		0.60	90.00		
							2205.00	301.04	**663793.00**
	Basic Rate	284.00							
	Area Weightage @ 6%	17.04							
		301.04							

9	Providing & laying reinforeced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specfications.								6
		Sqm	2	40.00	0.60	0.90	43.20	48.00	
			1	10.00	0.60	0.90	5.40	6.00	
			2	15.00	0.60	0.90	16.20	18.00	
			2	20.00	0.60	0.90	23.76	24.00	
	Missed Slabs		1	10.00	0.60	0.90	8.64	6.00	
	Approved Rate of Precast slab	1600					97.20	1600	155520.00
10	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133 I.18.57/1) 2015-16								
	Qty Vide Item No=1	Cum					415.80		
	Qty Limited to						415.80	81.73	33985.00
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	68.00							
		75.68							
	Area Weightage @ 8%	6.05							
	Total	81.73							
								Sub Total	4583109.00
11	KRIDL Charges 8%								366649.00
12	QC Charges 1%								50000.00
13	Miscellaneous and unforseen Charges								242.00
								Total	5000000.00

(Rupees Fifty Lakhs Only)

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2015-16
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits.

Asst Engineer
Ward No-14

Asst Executive Engineer
T.Dasarahalli Sub-Division
BBMP

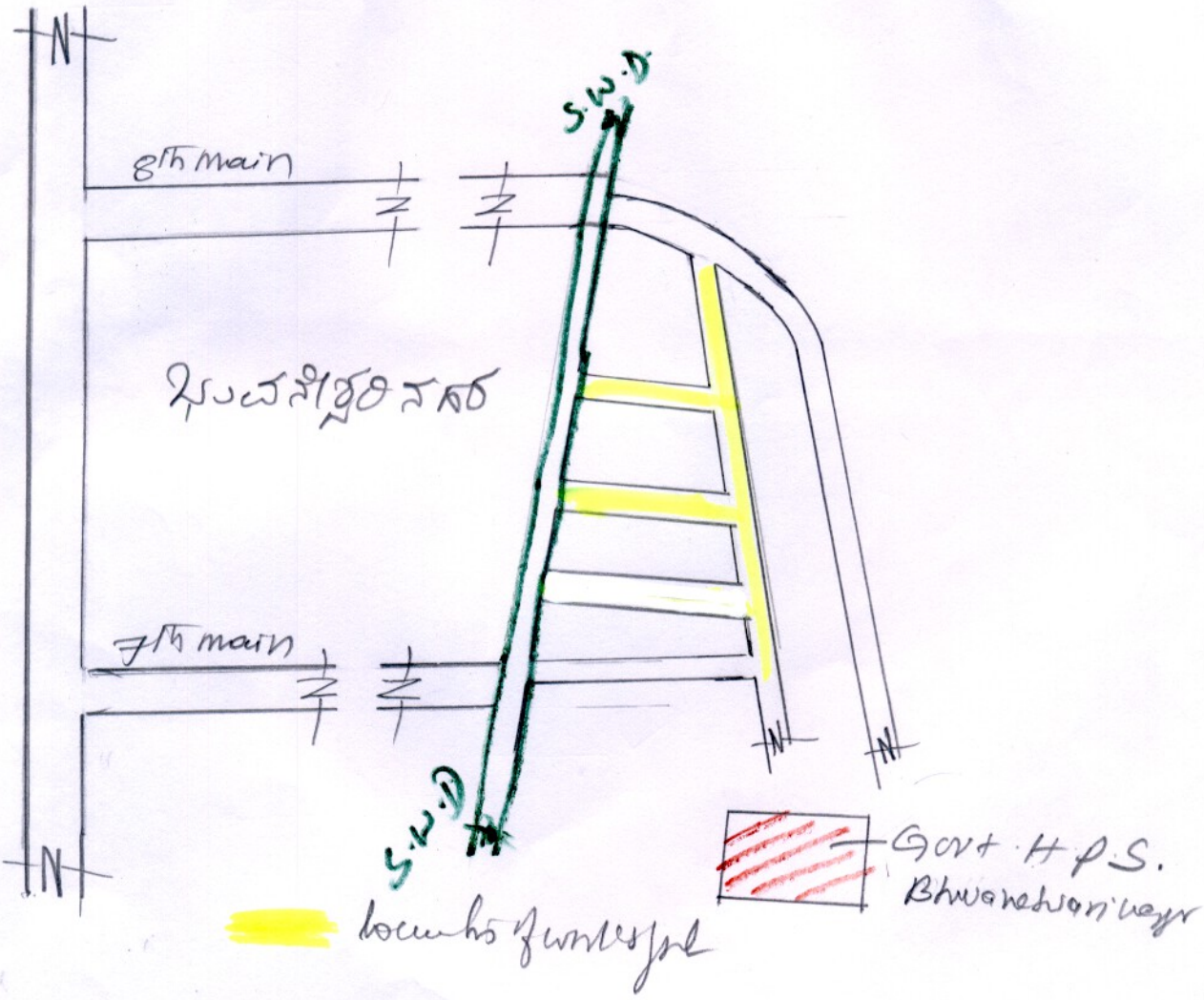
Executive Engineer
Dasarahalli Zone
BBMP

ನಂ.EE/D2/TS/70/2016-17 ದಿನಾಂಕ : 14-11-2016
ರೂ. 50.00 Lakhs (Rupees Fifty Lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ತಾಂತ್ರಿಕ ಸಹಾಯಕರು
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. JC/D/AS/PR/50/16-17 ದಿನಾಂಕ : 14/11/16
ರೂ. 50.00 lakhs only (Rupees fifty lakhs only)
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಜಂಟಿ ಆಯುಕ್ತರು
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Name of work

Name of Work:Improvements to CC roads drains 11th Cross near Govt.Higher Primary School Bhuvaneshwari nagara Bagalagunte in Ward No14



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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
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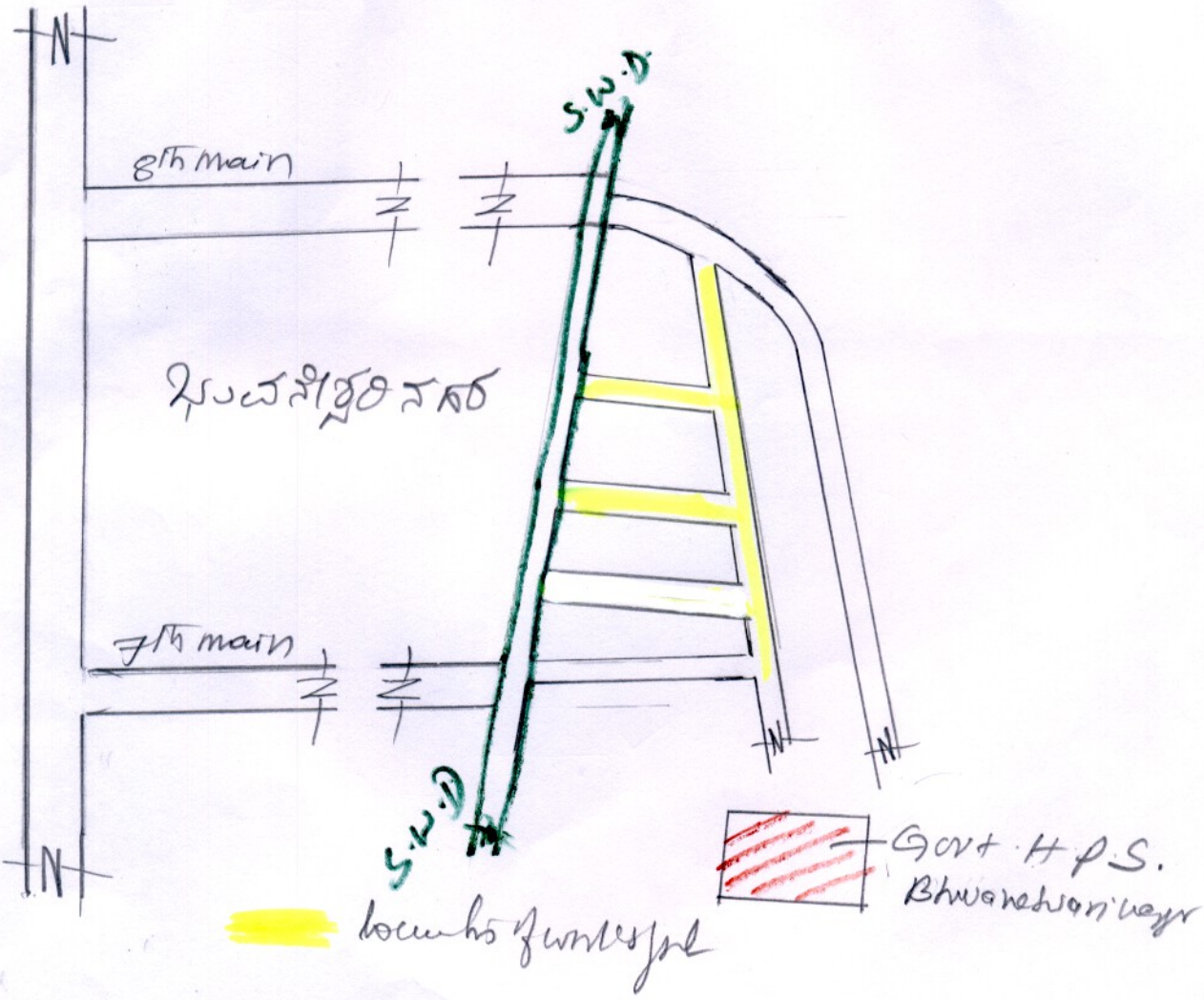

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